

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37  
CFR 1.53(b))

Docket No.

H0682.70008 US00

First Named Inventor or Application Identifier

Dennis A. Dempsey

Express Mail Label No.

EV 292 460 054 US

Date of Deposit

April 15, 2004

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.

3. ☒ Specification [Total pages 17]  
10 - pages description  
1 - pages abstract  
6 - pages claims 44 - Total claims

4. ☒ Drawing(s) (35 USC 113) [Total sheets 2]  
☒ Formal [Total drawings 1-5]

5. ☐ Oath or Declaration [Total pages ]  
a. ☐ Newly executed (original or copy)  
b. ☐ Copy from a prior application  
i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).

If 5b is checked the entire disclosure of prior  
applications,

Serial No. \_\_\_\_\_

from which an oath or declaration is supplied, is  
considered as part of the disclosure of the  
accompanying application as is hereby incorporated by  
reference therein. The incorporation can only be relied  
upon when a portion has been inadvertently omitted  
from the submitted application parts.

6. ☒ Application Data Sheet, See 37 CFR 1.76

ADDRESS  
TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R, in duplicate, large  
table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence  
Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers/cover sheet &  
documents(s)
10. ☐ 37 CFR 3.73(b) Statement  
(when there is an assignee)  
☐ Power of Attorney
11. ☐ English Translation of Document (if applicable)
12. ☒ Information Disclosure Statement PTO-1449  
☒ Copies of IDS Citations (article only)
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Request and Certification Under 35 U.S.C.  
§122(b)(2)(B)(ii)
17. ☐ Other:  
\_\_\_\_\_  
\_\_\_\_\_

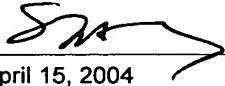
**18. NOTE TO PRACTITIONERS:** If a CONTINUING APPLICATION, supply the requisite priority or continuity information in (1) the body of the application, or in a preliminary amendment, and (2) in an Application Data Sheet under 37 CFR 1.76.

**19. CORRESPONDENCE ADDRESS**

*Correspondence address below*

**CUSTOMER NUMBER:**  
**23628**

**OR (do NOT use both)**

|  |   |           |  |     |  |
|--|---|-----------|--|-----|--|
| ATTORNEY'S NAME  |   |           |  |     |  |
| FIRM NAME  |   |           |  |     |  |
| ADDRESS  |   |           |  |     |  |
| CITY   |   | STATE     |  | ZIP |  |
| COUNTRY  |   | TELEPHONE |  | FAX |  |
| <b>20. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED</b> |   |           |  |     |  |
| NAME   | Steven J. Henry, Reg. No. 27,900  |           |  |     |  |
| SIGNATURE  |  |           |  |     |  |
| DATE   | April 15, 2004  |           |  |     |  |

Inventor(s): Dennis A. Dempsey

Serial No: Not yet assigned

Confirmation No.:

Filed: Herewith

CHECK BOX, if applicable:

For: PAD CELL WITH MULTIPLE SIGNAL PATHS

☐ DUPLICATE

## Fee Calculation Sheet

| CLAIMS | FOR   | NUMBER FILED | NUMBER EXTRA | RATE                          | FEE         |
|--------|---|--------------|--------------|-------------------------------|-------------|
|        | TOTAL CLAIMS<br>(37 CFR 1.16(c))  | 44-20=       | 24x          | \$ 18.00                      | = \$ 432.00 |
|        | INDEPENDENT<br>CLAIMS (37 CFR 1.16(b))                                    | 3-3=         | 0 x          | \$ 86.00                      | = \$ 0.00   |
|        | MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d)) +              |              |              | \$                            | = \$        |
|        |   |              |              | BASIC FEE<br>(37 CFR 1.16(a)) | \$ 770.00   |
|        | Fee for Petition for Extension of Time (if any)                           |              |              |                               | \$ 0.00     |
|        | Other Fees (if any)   |              |              |                               | \$ 0.00     |
|        | Total of above Calculations =   |              |              |                               | \$ 1,202.00 |
|        | Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28) |              |              |                               | \$ 0.00     |
|        | Assignment Recordation Fee (if any)                                       |              |              |                               | \$ 0.00     |
|        | TOTAL =   |              |              |                               | \$ 1,202.00 |

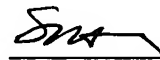
1. A check in the amount of \$1,202.00 is enclosed.

**General Authorization to Charge Deposit Account and General Request for Extension of Time**

2. a. ☒ If the filing of any paper in this application necessitates the payment of a fee under 37 CFR §§ ☒ 1.16 or ☒ 1.17, and the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.

b. ☐ The applicant hereby revokes any prior authorization to charge a fee due under 37 CFR §§ ☐ 1.16 ☐ 1.17 or ☐ 1.18.

3. If the filing of any paper in this application necessitates an extension of time under 37 CFR §1.136(a), the applicant hereby requests such extension of time. If the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.

  
 Steven J. Henry, Reg. No. 27,900  
 Wolf, Greenfield & Sacks, P.C.  
 600 Atlantic Avenue  
 Boston, MA 02210-2211  
 (617) 720-3500

Docket No. H0682.70008 US00  
 Date: April 15, 2004

**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(ii)**

*First Named Inventor*

**Dennis A. Dempsey**

*Title*

**PAD CELL WITH MULTIPLE SIGNAL  
PATHS**

*Docket No.*

**H0682.70008 US00**

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

April 15, 2004

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Steven J. Henry, Reg No. 27,900

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).